

Guidelines for submission of Green Steel Certification

1. As per the notification number S.O. 763(E) dated 12th December 2024, finished steel product with emission intensity less than 2.2 t-CO₂e/tfs (tonne of finished steel) shall be eligible for green steel certification.
2. Scope of emission for calculations of GHG emissions t-CO₂e/tfs shall include Scope 1, Scope 2, and limited Scope 3, up to finished steel production. Scope 3 emissions shall include agglomeration (including sintering, pellet making, coke making), beneficiation and embodied emissions in purchased raw materials and intermediary products, but shall not include upstream mining, downstream emissions and transportation emissions, both within and outside the gates of a steel plant.
3. Company seeking for green steel certification has to register with the NISST as per the registration format uploaded on NISST website by paying one time registration fee @ 10000/- + 18% GST.
4. Each Entity/Plant located at different locations has to register separately.
5. Period for the Green Steel Certification shall be applicable from FY 2024-25.
6. The entity seeking green steel certification shall get their CO₂ equivalent emission calculated and verified from competent agency Empanelled for steel sector with BEE as per CCTS guidelines.
7. MRV (Measuring, Reporting and Verification) team shall consist of following members:

Role in project	Required Nos.	Minimum Qualification	Minimum Experience/ requirements
Team Leader	1	Accredited Energy Auditor	Minimum 5 Nos of detailed Energy Audit, Energy Mapping/ Potential Assessment Study or similar experience
GHG Lead Verifier	1	GHG Lead Verifier	Minimum 10 projects in GHG Inventory, Life Cycle Assessment, CBAM Assessment or similar (Excluding CDM, all kinds of Offset projects)
Sector Expert (Process)	1	Engineer/ Diploma Engineer	15 years of process experience
Member	1	Certified Energy Auditor	5 years industrial/ Auditing experience/ similar experience

Note: If the team leader possesses sector expertise, the team may comprise of three (03) members. Selection of verification agencies shall be made from the BEE's empanelled list of auditing firms, authorized to conduct M&V and check verification activities under PAT Cycle VII for the Iron & Steel sector, as available on 27.03.2025 or any subsequent updated list on the BEE website at the time of verification.

8. The verifying agency shall submit carbon verification report with all the supported documents duly signed by the team leader.
9. Green steel certificate shall be issued to the entity after examining of all the documents submitted by the verifier/auditor complete in all respects and accepted by NISST and submission of payment for certified green steel quantity.

10. Green steel certificate will be issued to the entity/plant within one months of the complete document verifications.
11. The green steel certificate shall be issued yearly basis. In case the steel plant opts for MRV more frequently, then the certificate may be issued more than once a year as per the requirement.
12. NISST will maintain the registry of green rated steel.
